GOT FUEL???

-2A Case Study

QUESTION POLICY

- JUST SHOUT IT OUT….

OVERVIEW

- Objectives
- Case Study Focus Skill
- Synopsis
- Focus Questions

OBJECTIVES

- Terminal Objective
  - Upon Completion of this case study the student will understand the importance of Mission Analysis in the C-2A Greyhound.
- Enabling Objective
  - Be able to describe the specific factors affecting the crew’s ability to analyze the mission.
  - Cite examples where the crew analyzed the mission effectively and/or ineffectively.

CASE STUDY FOCUS SKILL

MISSION ANALYSIS

- The ability to make short-term, long-term, and contingency plans and to coordinate, allocate and monitor crew and aircraft resources

PRE-MISSION ANALYSIS

- Establishes mission requirements and constraints
- Specifies both long and short term plans
- Advises the crew of what to expect

IN-FLIGHT ANALYSIS

- Critiques and updates existing plans
- Evaluates results of previous decisions
- Informs the crew of changes to flight concept

POST-MISSION ANALYSIS

- Critiques entire mission
- Determines areas of future improvement

SYNOPSIS

- Crew is getting ready to flying home from a 6-month deployment
- Aircraft will be fully loaded and preflight planning indicated they will have enough fuel for flight leg per 3710.
- After T/O, winds aloft were discovered to be higher than anticipated
- Scrambling aircrew break out Max Range descent charts which descends them prior to intended point of landing
- Low Fuel lights come on 20 miles prior of airfield and aircrew declare an emergency
- Crew lands without further incident in Egypt

FOCUS QUESTIONS

- Where did the crew analyze the mission effectively?

FOCUS QUESTIONS

- Where did the crew analyze the mission ineffectively?

FOCUS QUESTIONS

- What are some possible external factors that affected their Mission Analysis?

REMEMBER….

- Mission analysis is a crew effort
- Failure to develop a good plan, or to revise a plan when the situation changes, can result in a failed mission or a mishap

QUESTIONS?